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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/416,308	10/12/1999	PRADEEP K. KATHAIL	CISCO-1321	5986

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EXAMINER

PHAM, HUNG Q

ART UNIT	PAPER NUMBER
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2172

DATE MAILED: 06/04/2003

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Please find below and/or attached an Office communication concerning this application or proceeding.

**Advisory Action**

Application No.

09/416,308

Applicant(s)

KATHAIL ET AL.

Examiner

HUNG Q PHAM

Art Unit

2172

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 14 April 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

**PERIOD FOR REPLY** [check either a) or b)]

- a) ☒ The period for reply expires 3 months from the mailing date of the final rejection.
- b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on \_\_\_\_\_. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
  - (b) ☐ they raise the issue of new matter (see Note below);
  - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
  - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_.

3. ☐ Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.
4. ☐ Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☒ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: 19-34.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

8. ☐ The proposed drawing correction filed on \_\_\_\_\_ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). \_\_\_\_\_.
10. ☐ Other: \_\_\_\_\_

Applicants contacted examiner by phone on 05/26/2003 to request a new Advisory based on the Request for Reconsideration, paper 16, filed on 04/14/2003. Therefore, this is a correspondence to the Request for Reconsideration 04/14/2003. A shortened statutory period set in the Final Office Action date 02/24/2003 is continue running.

As argued by applicants in the Request for Reconsideration:

*Claim 19 recites instructions for directing a processing unit to store an identification of one of said plurality of subsystems in a record for said configuration data for said object identifying said one of said plurality of subsystems as requiring notification of changes to said configuration data of said object. Carcerano does not teach storing the identification of a subsystem requiring notification of changes to a record for the configuration data.*


*Claim 27 recites the method for performing the process described by the instructions in claim 19. Therefore, claim 27 is allowable for the same reasons as amended claim 19. Applicants therefore request that the rejection of amended claim 27 be removed and claim 27 be allowed.*

Examiner respectfully traverses because of these reasons:

As shown in Carcerano USP 6,308,205, FIG. 5, network management server 104 maintains database 105 based on the status and configuration of network devices on network 1. Network management server 104 maintains this database by repeatedly polling the devices on network 1 through network interface 47 using network management protocol handler 102. Network management server 104 also looks to database 105 in order to determine if

changes have been made to the database by the other components of browser-based network management system 109, particularly by HTTP server 103 through CGI scripts 106. HTTP server 103 calls CGI scripts 106 in response to URL-encoded requests from browser 83 on workstation 70, for entering an update to status and configuration information of a network device. Thus, if a URL-encoded request includes changes to the status or configuration of a device on network 1, the CGI script called by HTTP server 103 in response to that request enters those changes into database 105 (Col. 9, line 15-Col. 11, line 63). As shown in FIG. 6 is a list of devices that can be controlled and monitored through browser 83 using browser-based network management system 109. Shown in the list of devices in FIG. 6 are printers section 123 and scanners section 124, which include information about printers and scanners on network 1. Displayed for each type of device is device ID, device location 125, device model 126, and device status 127. Upon selection of one of these devices, a URL-encoded request is sent to HTTP server 103 identifying that device. In response, as described above, HTTP server 103 accesses a CGI script to dynamically generate HTML code with detailed information about the targeted device. If the user of browser 83 has administrator privileges, then browser interface 121 can be manipulated to change the status and configuration of the device. For example, the user could change device features 127 so as to enable or disable stapling or sorting. In response to such changes, browser 83 sends an appropriate URL-encoded request identifying the targeted printer and the updated configuration data. HTTP server 103 runs the CGI script identified by the

URL in the request so as to update database 105 accordingly. Then, network management server 104 modifies the status or configuration of the device according to the updated database (Col. 11, line 64-Col. 13, line 30). Thus, the illustration of device using device ID as in FIG. 6, the technique of changing the status and configuration by selecting and using URL-encoded request as discussed above indicates the step of *storing an identification of said one of said plurality of subsystems in a record for said configuration data for said object identifying said one of said plurality of subsystems as requiring notification of changes to said configuration data of said object*. In addition, claims 20-26, and 28-34 depend directly or indirectly upon claims 19 and 27 are also rejected as being unpatenable over Carcerano as discussed in the office action.

  
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